



SEDIMENT CONTROL NOTES

- ALL SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARD DETAILS GIVEN IN M.D.E.'S "1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL."
- ALL SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED AND PLACED IN OPERATION BEFORE EXCAVATION IS STARTED. THE CONTRACTOR SHALL ADJUST THE SEDIMENT CONTROL DEVICES AS NECESSARY TO MEET FIELD CONDITIONS, KEEP THEM CLEAN AND IN WORKING ORDER DURING CONSTRUCTION. NO SEDIMENT CONTROL DEVICE SHALL BE REMOVED UNTIL THE ENTIRE AREA DRAINING TO IT HAS BEEN ADEQUATELY STABILIZED, INSPECTED AND APPROVED BY CHARLES COUNTY SEDIMENT CONTROL INSPECTOR.
- THE CONTRACTOR SHALL TAKE WHATEVER MEASURES ARE NECESSARY TO KEEP MUD AND DEBRIS FROM BEING TRACKED ON PUBLIC ROADS.
- APPROVAL OF CHARLES COUNTY SEDIMENT CONTROL INSPECTIONS DIVISION AT 301-645-0700 SHALL BE OBTAINED BY THE OWNER/DEVELOPER UPON COMPLETION OF THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
- APPROVAL SHALL BE OBTAINED BY THE OWNER/DEVELOPER UPON FINAL STABILIZATION OF THE SITE BEFORE REMOVAL OF THE SEDIMENT CONTROLS. ONCE THE VEGETATION IS ESTABLISHED, THE SITE SHOULD HAVE A 95% GRASS COVER TO BE CONSIDERED ADEQUATELY STABILIZED.
- ALL EXCAVATED MATERIAL TO BE TEMPORARILY STOCKPILED IN THE LOCATION SHOWN ON THE PLANS.
- ANY EXCAVATED MATERIAL THAT IS HAULED OFFSITE MUST BE TAKEN TO A SITE WITH AN ACTIVE AND APPROVED SEDIMENT CONTROL PLAN. THE PROPOSED SITE INFORMATION IS TO BE PROVIDED TO THE SEDIMENT CONTROL INSPECTOR AT THE TIME OF THE PRE-CON MEETING.
- THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR IS REQUIRED UPON INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
- EROSION AND SEDIMENT PRACTICES AND SITE IN GENERAL, MUST BE INSPECTED WEEKLY AND AFTER EACH RAIN FALL EVENT, BY THE CONTRACTOR OR OTHER RESPONSIBLE PERSON, AND ANY NEEDED MAINTENANCE PERFORMED IMMEDIATELY.
- STABILIZE ALL DISTURBED AREAS WITH SAME DAY SODDING.
 - SOD TO BE WATERED FOR A MINIMUM OF 2 WEEKS AFTER INSTALLATION
 - SOD NEEDS TO BE PINNED/STAPLED TO EXISTING SURFACE
 - ANY WORK AREAS NOT COMPLETED AT THE END OF EACH BUSINESS DAY WILL NEED TO BE COVERED WITH PLASTIC & ANCHORED. TRAFFIC CONES TO BE SET UP FOR SAFETY AS NEEDED.
 - WHEN PLASTIC COVERING IS REMOVED ANY CLEAN ACCUMULATED WATER SHALL BE DIRECTED TO STABILIZED AREAS OR IF DIRTY, PUMPED THROUGH A GEOTEXTILE DEWATERING BAG, SHEET 21.

STABILIZATION

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND FOURTEEN DAYS (14) AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. ONCE VEGETATION IS ESTABLISHED, THE SITE SHALL HAVE 95% GROUND COVER TO BE CONSIDERED ADEQUATELY STABILIZED.

SEQUENCE OF CONSTRUCTION FOR:

PARKING LOT, UNDERGROUND DETENTION & PARK AREA

ALL CONSTRUCTION MUST BE PERFORMED IN ACCORDANCE WITH THE "CHARLES CONSERVATION DISTRICT DETAILS AND SPECIFICATIONS FOR VEGETATIVE ESTABLISHMENT" ON SHEET 21, OR THE MORE RESTRICTIVE STANDARDS BELOW.

- 5 DAYS 1. CONTRACTOR MUST NOTIFY THE CHARLES COUNTY SEDIMENT CONTROL INSPECTOR, 301-645-0700, 5 DAYS PRIOR TO CONSTRUCTION TO SCHEDULE INSPECTION OF EROSION AND SEDIMENT CONTROL PLAN IMPLEMENTATION.
- 2 DAYS 2. UPON SEDIMENT CONTROL INSPECTOR APPROVAL CLEAR AND GRUB FOR THE INSTALLATION OF ALL PERIMETER SEDIMENT CONTROL DEVICES PRIOR TO ANY EARTH DISTURBING ACTIVITY.
- 2 DAYS 2.1. STARTING AT MOST DOWNSTREAM STRUCTURE (EXISTING INLET 15), REPLACE EXISTING INLET 15 AND INSTALL STORM DRAIN PIPE IN NEW TRENCH TO PROPOSED MANHOLE K. TRENCH & BACKFILL PER DETAIL 2/21. INSTALL INLET PROTECTION FOR INLET 15, PER DETAILS 23A & 23C/21. INSTALL SAME DAY SODDING OVER IMPACTED AREA PER SEDIMENT CONTROL NOTE #10.
- 2 DAYS 2.2. AT MH K, INSTALL 12" PIPE N & M TO MH L, THEN INSTALL 12" STUB WITH PLUG FOR FUTURE STORMFILTER SYSTEM (TO BE INSTALLED LATER). TRENCH & BACKFILL PER DETAIL 2/21. INSTALL SAME DAY SODDING OVER IMPACTED AREA PER SEDIMENT CONTROL NOTE #10.
- 3 DAYS 2.3. AT MH K, INSTALL PROPOSED PIPES G, H, I, & J. (INSTALL STRAIGHT SECTION OF PIPE BETWEEN STRUCTURES H & J. STRUCTURE I TO BE INSTALLED LATER). TRENCH & BACKFILL PER DETAIL 2/21. INSTALL SAME DAY SODDING OVER IMPACTED AREA PER SEDIMENT CONTROL NOTE #10.
- 5 DAYS 2.4. AT INLET G, INSTALL PIPES A-1, B-1, B, & C. BACKFILL PER TRENCH DETAIL R/2.48, SHEET 14. INSTALL INLET PROTECTION TO INLETS G, A, B & C PER DETAILS 23A & 23C/21. CONTRACTOR TO BACKFILL TRENCH EACH NIGHT & CAP WITH GRAVEL TO ENSURE THE AREA IS PASSABLE, AND BROOM SWEEP AREA OF ANY ACCUMULATED SOIL AT THE END OF EACH WORK DAY.
- 5 DAYS 2.5. REMOVE EXISTING STRUCTURE 7 AND INSTALL PR INLET C. PROVIDE INLET PROTECTION FOR PR INLET C PER DETAILS 23A & 23C/21. PROTECT WITH CONES & BROOM SWEEP AREA OF ANY ACCUMULATED SOIL AT THE END OF EACH WORK DAY.
- 2 DAYS 2.6. REMOVE EXISTING PIPE 7 AND INSTALL PR PIPE D & PR STRUCTURE D. WHILE REMOVING EXISTING PIPE 7, INSTALL PR PIPE D IN EXISTING TRENCH. BACKFILL PER TRENCH DETAIL R/2.48, SHEET 14 & INSTALL INLET PROTECTION FOR PR INLET D PER DETAILS 23A & 23C/21. CONTRACTOR TO BACKFILL TRENCH EACH NIGHT & CAP WITH GRAVEL TO ENSURE THE AREA IS PASSABLE, AND BROOM SWEEP AREA OF ANY ACCUMULATED SOIL AT THE END OF EACH WORK DAY.
- 2 DAYS 2.7. PLUG EXISTING INLET B WHERE PIPE WAS REMOVED AND CONVERT INLET TO MH BY INSTALLING SOLID LID. (NOTE: CONTRACTOR TO INSTALL CRUSHER RUN EVEN WITH SURROUNDING ASPHALT & PITCHED TO NEW INLET D UNTIL NEW ASPHALT IS INSTALLED TO PREVENT PONDING.)
- 2 DAYS 2.8. AT STRUCTURE H, INSTALL PR PIPES & STRUCTURES F, E2, AND E. INSTALL INLET PROTECTION FOR PR INLETS F & E PER DETAIL 23A & 23C/21 & INSTALL SAME DAY SODDING OVER IMPACTED AREAS PER SEDIMENT CONTROL NOTE #10.

3. INSTALLATION OF CURB & GUTTER:
- 2 DAYS 3.1. SAW-CUT EXISTING ASPHALT ALONG SOUTHWEST EDGE OF SAFEWAY LOT AS SHOWN, AND REMOVE ASPHALT.
- 2 DAYS 3.2. INSTALL STANDARD 6" CURB & GUTTER (DETAIL R/2.22, SHEET 14) FROM INLET A-1 TO THE END OF THE PARKING BAY.
- 2 DAYS 3.3. BACKFILL TRENCH AREA IN FRONT OF NEW CURB WITH STONE & INSTALL BACKFILL AND SAME DAY SODDING BEHIND NEW CURB PER SEDIMENT CONTROL NOTE #10.
- 3 DAYS 3.4. SAW-CUT & REMOVE EXISTING ASPHALT FROM INLET A1 TO NORTHERN SIDE OF RETIREMENT HOME ENTRANCE. INSTALL 6" STANDARD CURB PER DETAIL R/2.23 ON SHEET 14. BACKFILL CURB & INSTALL STONE ALONG ROADWAY TO ENSURE ROAD IS PASSABLE.
- 3 DAYS 3.5. SAW-CUT EXISTING ASPHALT ALONG SOUTH SIDE OF BANK PROPERTY TO THE EASTERN CORNER OF THE LOT THROUGH PR INLETS F, E2 & E AS SHOWN, ALONG EXISTING EDGE OF PAVEMENT LINE. REMOVE EXISTING ASPHALT CURB AND INSTALL STANDARD 6" CURB & GUTTER CONNECTING TO EXISTING HEADER CURB IN SOUTHWEST CORNER OF BANK LOT. BACKFILL TRENCH AREA WITH STONE & INSTALL SAME DAY SODDING OVER IMPACTED AREAS PER SEDIMENT CONTROL NOTE #10.
- 4 DAYS 3.6. SAW-CUT EXISTING ASPHALT AROUND PROPOSED LANDSCAPE ISLANDS AS SHOWN AND INSTALL STANDARD 6" FACE CURB AT PROPOSED LANDSCAPED ISLANDS THROUGHOUT THE PARKING LOT. BACKFILL TRENCH AREA WITH STONE & INSTALL SAME DAY SODDING OVER IMPACTED AREAS PER SEDIMENT CONTROL NOTE #10.
- 1 DAY 3.7. PATCH & PAVE ALL DISTURBED PARKING LOT ASPHALT & RESTRIPE AS NECESSARY.

4. INSTALLATION OF PARK:
- 1 DAYS 4.1. VERIFY ADEQUACY OF ALL PREVIOUSLY INSTALLED PERIMETER CONTROLS, AND INSTALL CONSTRUCTION ENTRANCE.
- 3 DAYS 4.2. CLEAR AND GRUB EXISTING TOPSOIL. CONTRACTOR TO STOCKPILE ONLY THAT SOIL WHICH IS TO BE REUSED ON THE SITE AFTER COMPLETION OF PARK. ALL STOCKPILED MATERIAL IS TO BE SEEDED AND STRAW MULCHED.
- 5 DAYS 4.3. EXCAVATE FOR INSTALLATION OF 48" STORAGE PIPES & STORMFILTER CHAMBER. CONTRACTOR SHALL NOT STOCKPILE EXCESS DIRT ON THE SITE BUT SHALL REMOVE IT AS IT IS EXCAVATED TO AN OFFSITE LOCATION WHICH HAS AN APPROVED EROSION & SEDIMENT CONTROL PERMIT.
- 2 DAYS 4.4. INSTALL GRAVEL BED PER MANUFACTURERS REQUIREMENTS.
- 1 DAY 4.5. INSTALL GEOTEXTILE DEWATERING DEVICE PER DETAIL 1/21 AND AS SHOWN ON PLANS & PUMP ANY WATER THAT MAY ACCUMULATE IN EXCAVATED AREA FOR 48" STORAGE PIPES & STORMFILTER CHAMBER THROUGH A DIRT BAG.
- 10 DAYS 4.6. INSTALL ALL PIPE CONNECTIONS, TEES, BENDS & CAPS TO COMPLETE STORAGE FACILITY PER MANUFACTURERS REQUIREMENTS. (NOTE: CONTRACTOR SHALL PERFORM AN AS-BUILT SURVEY AND HAVE IT APPROVED BY THE ENGINEER BEFORE CONTINUING)
- 4 DAYS 4.7. INSTALL STORM FILTER FACILITY PER MANUFACTURERS REQUIREMENTS & CONNECT 12" INFLOW & OUTFALL PIPES. (NOTE: CONTRACTOR SHALL PERFORM AN AS-BUILT SURVEY AND HAVE IT APPROVED BY THE ENGINEER BEFORE CONTINUING)
- 3 DAYS 4.8. AFTER APPROVALS OF AS-BUILT SURVEYS, INSTALL STORMFILTER CARTRIDGES & STRUCTURE 1 & BACKFILL AREAS PER STORM CHAMBER DETAIL ON SHEET 13. PROTECT DISTURBED AREAS BY IMMEDIATELY SEEDING & MULCHING ALL DISTURBED AREAS.
- 1 DAY 4.9. SAW CUT EXISTING ASPHALT FROM EX INLET 15 (NORTHEAST SIDE) ALONG OLD VILLAGE DRIVE TO THE LIMITS SHOWN FOR THE BANK PARKING LOT.
- 3 DAYS 4.10. INSTALL STANDARD 6" COMBINATION CURB & GUTTER (DETAIL R/2.22, SHEET 14) ALONG NORTHEAST SIDE OF OLD VILLAGE DRIVE TO THE PARKING LOT FOR THE BANK, OR INSTALL MONOLITHIC CURB & SIDEWALK ALONG OLDE VILLAGE DRIVE AS APPROPRIATE PER PLANS. BACKFILL TRENCH WITH STONE AND INSTALL SAME DAY SODDING PER SEDIMENT CONTROL NOTE #10.
- 5 DAYS 4.11. INSTALL PERVIOUS PAVEMENT CIRCULAR SIDEWALK PER DETAILS ON SHEET 13.
- 3 DAYS 4.12. INSTALL BRIDGE BEING CAREFUL NOT TO INSTALL PLINGS IN THE MAIN CHANNEL.
- 3 DAYS 4.13. INSTALL CONCRETE SIDEWALK CONNECTING ALL PARTS OF THE PARK TO THE BRIDGE AND TO THE ADJACENT PARCEL (BURGER KING).
- 2 DAYS 4.14. INSTALL REMAINING SIDEWALK BETWEEN OLD VILLAGE ROAD & SAFEWAY.
- 5 DAYS 4.15. INSTALL LIGHT FIXTURES, TABLES, TRASH CANS & OTHER PARK FEATURES PER SHEET 12.
- 3 DAYS 4.16. INSTALL LANDSCAPE PLAN PER SHEETS 10-11.

- 2 DAYS 5. UPON SEDIMENT CONTROL INSPECTOR APPROVAL, REMOVE ALL PERIMETER DEVICES.

LEGEND

- Existing ROW Line
Existing Vegetation Line
Existing Edge of Pavement
Existing Centerline of Road
Existing Building
Existing Contour 1x
Existing Contour 5x
Existing Culvert Pipe
Existing Soil Line
Existing Rip Rap
Proposed Watershed Line
Proposed Sub-Watershed Line
Proposed Contour 1x
Proposed Contour 5x
Proposed Culvert Pipe
Proposed Top of Swale
Proposed Bottom of Swale
Proposed Centerline of Swale
Proposed TOC Flowpath
Proposed Rip Rap
Soil Testing Location
Drainage Arrows
Utility Pole
Electric Box
Mailbox
Water Valves
Monitor Well
Inlet Protection
Stone Construction Entrance
Limits of Disturbance
Silt Fence
Super Silt Fence
Sow Cut



PROFESSIONAL CERTIFICATION:

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO: 36310, EXPIRATION DATE: 11/17/2012.

CHARLES COUNTY GOVERNMENT
DEPARTMENT OF PLANNING AND GROWTH MANAGEMENT
DEVELOPMENT SERVICES DEPARTMENT

			REMARKS OR CONDITIONS
GRADING	CONSTRUCTION	AS-BUILT	
ROADS	CONSTRUCTION	AS-BUILT	
STORM DRAINAGE	CONSTRUCTION	AS-BUILT	
STORMWATER MANAGEMENT	CONSTRUCTION	AS-BUILT	
WATER	CONSTRUCTION	AS-BUILT	
SEWER	CONSTRUCTION	AS-BUILT	
OTHER	CONSTRUCTION	AS-BUILT	

SIGNED:	THIS PERMIT EXPIRES ON:
DATE:	DATE:

PROJECT DATA

DRAWN BY: RS	09-047
CHECK BY: RP	PROJ. NO.
CHARLES COUNTY	ES 080410.dwg
WALDORF, MARYLAND	File Name:
EA NO:	20
T.M. NO:	SHEET NO.
DATE: 08/04/10	
SCALE: 1" = 50'	

EROSION & SEDIMENT
CONTROL
PLAN

REV NO.	CONSTRUCTION REVISION	DATE

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NOTE:

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NOTE:

This Drawing does not include necessary components for construction safety. All construction must be done in compliance with the occupational safety and health act of 1970 and all rules and regulations thereto appurtenant.